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Dr. Jinamul Hasan Khan

Designation: Assistant Professor

Department: Mathematics

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Academic Profile:

- Ph.D. from Sri Satya Sai University of Technology and medical sciences, Sehore, Bhopal (M.P) India.

Area of Research: Algebraic Graph Theory (Graph Theory)

Title of the Ph.D. thesis: **“Mathematical Study of Graph Theory: With Emphasis to Algebraic Properties”**.

- M.Sc. (Mathematics) from M.J.P. Rohilkhand University (Campus), Bareilly.
- B.Sc from M.J.P. Rohilkhand University, Bareilly.
- P.G.D.C.A from M.J.P. Rohilkhand University, Bareilly.

Research Interests:

- Graph Theory (With Emphasis to Algebraic Properties).
- Abstract Algebra.
- Discrete Mathematics.

Publications:

1. Jinamul hasan khan and S.C.Sikdar: entitled “finding the near automorphism value of ladder graphs”, Published in Our Heritage Journal, ISSN: 0474-9030, Vol-68-Issue-1-January-2020, pp. 69-91.
2. Jinamul hasan khan and S.C.Sikdar: entitled “structure of the nil graphs for products of rings”, Published in Think India Journal, ISSN: 0971-1260, Vol-22-Issue-10-November-2019., pp. 9631-9646.
3. Jinamul hasan khan, Sonal Bharti and Deep Singh: entitled “Encryption techniques and application of Boolean functions in cryptoraphy ”, Published in International conference of advance studies in Engineering and sciences, ISBN: 978-93-86171-83-2, Dec-2017, pp.588-590.
4. Ram Niwas Verma, Jinamul hasan khan and Sonal Bharti: entitled “Mathematical analysis of blood flow in micro circulatory system”, Published in International journal of advance research in sciences and Engineering, ISSN: 2319-8354, Dec-2017, pp.577-579.

Conferences:

1. International Conference on Recent Advances in Mathematics & Computational Optimizations (RAMCO-2021) held online at school of computational and integrative sciences , Jawaharlal Nehru University New Delhi-110067, India , under the auspices of IAPS during October 26th -28th ,2021.
2. "International Conference on Recent Advancements in Science and Technology" (ICRAST-20) November 11, 12-2020, Glocal University, Saharanpur-247121 (U.P.), India.
3. E-International Conference “Interdisciplinary Approaches in Science, Engineering & Humanities” (ICIASEH-20), 29-30 July-2020 organized by Applied science department SIRTE, Bhopal (M.P) India.
4. "International Conference on Mathematical Techniques and Applications” 13 June 2020, organized by department of engineering mathematics, Lakshmi Narain College of Technology, Bhopal (M.P) India.

Workshops:

1. Online one week faculty development programme on **LaTeX** by department of engineering mathematics, Lakshmi Narain College of Technology, Bhopal in association with IIT Bombay through spoken tutorial (An initiative of national mission on education through ICT, MHRD, Govt. of India) from 06-10 July 2020.

2. Online workshop on Recent trends in domination and graph labeling (RTDGL 2021) organized by Department of Mathematics Ramanujan College, university of Delhi in collaboration with academy of discrete mathematics and applications (ADMA) during 27th may 2021 to 31st may 2021.

(DR.JINAMUL HASAN KHAN)